

Mapping function parameters based on data from the ECMWF

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<http://www.hg.tuwien.ac.at/~ecmwf>

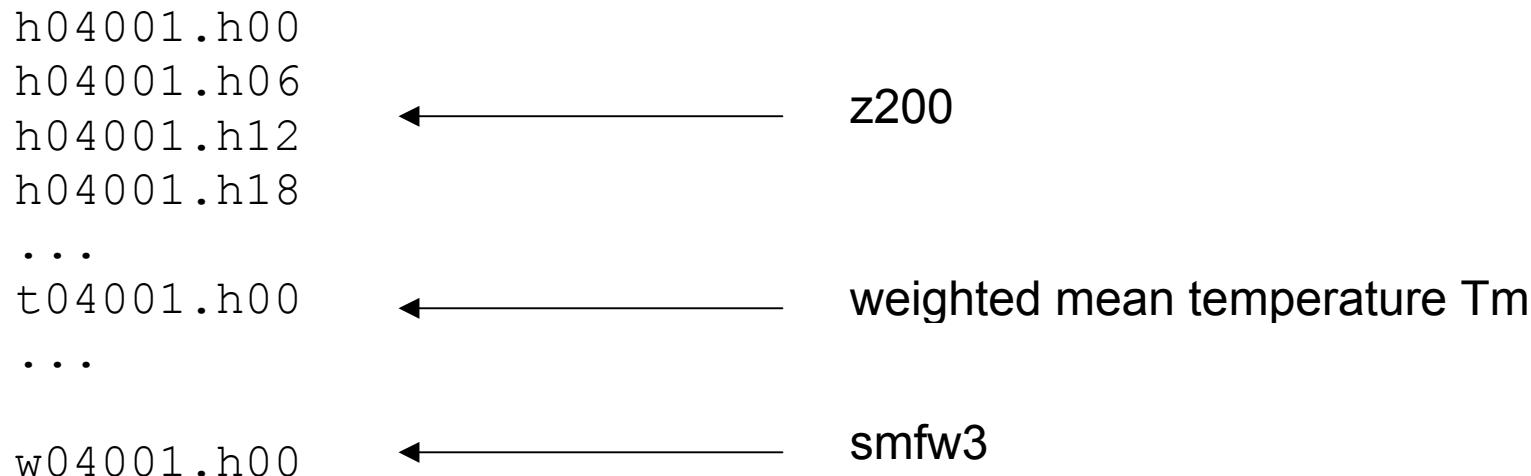
Isobaric Mapping Functions (IMF): $2.5^\circ \times 2.0^\circ$ ascii grid

Vienna Mapping Functions (VMF): for all VLBI stations

	IMF	VMF
doy 1 in 1979 - doy 365 in 2001	$2.5^\circ \times 2.0^\circ$ ERA-40 Re-Analysis pressure level dataset (15 levels from 1000 to 10 hPa)	$2.5^\circ \times 2.0^\circ$ ERA-40 Re-Analysis pressure level dataset (15 levels from 1000 to 10 hPa)
doy 1 in 2002 - doy 238 in 2003	$2.5^\circ \times 2.0^\circ$ operational pressure level dataset (15 levels from 1000 to 10 hPa)	$2.5^\circ \times 2.0^\circ$ operational pressure level dataset (15 levels from 1000 to 10 hPa)
doy 239 in 2003 - now		operational pressure level dataset (21 levels from 1000 to 1 hPa, resolution 0.28125°)

example IMF:

directory: `/~ecmwf/imf/grid/2004/`



IMF is also provided for all VLBI stations (by interpolation)

WETTZELL	48217.50	011632	15.461	-0.789	1.570394	265.6
WETTZELL	48217.75	011613	15.464	-0.835	1.570479	266.1
station	mjd	z200	smfw3	apriori hyd. gradient	Tm	

example VMF:

WESTFORD	52640.25	0.00124253	0.00063029	2.2807	0.1271
WETTZELL	52640.25	0.00121978	0.00046500	2.1294	0.0478
YEBES	52640.25	0.00124197	0.00056237	2.0752	0.1144
YLOW7296	52640.25	0.00120363	0.00052132	2.2195	0.0356

station	mjd	ah	aw	hzd	wzd
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